



Inventors' Corrections in Specification:

1. Replace the phrase "in nitrosamine, a potent carcinogen before or after it is formed in the human body" in the first line of page 4 of the Specification with "in TSNA, a potent carcinogen formed by nitrosamine and nicotine before or after they are combined in the human body."
2. Cross out the letter "h" from the word "benzo(a)phrene" in the 16th line of page 6 of the Specification.
3. Replace the word "nicotine" in the first line and 4th line of page 15 of the Specification with the word "dopamine."
4. Add the word "compound" to the space between the word "manganese" and "into" in the second last line of page 15 of Specification.
5. Put the phrase "into his/her brain" after the phrase "his/her respiratory tract" on the first line of page 16 of the Specification. The whole sentence thus reads like this "When the smoker lights up, he/she will absorb the metals through his/her respiratory tract into his/her brain."
6. Put the word (GAD) after the term Glutamic Acid's Decarboxylation in the 8th line of page 16 of the Specification.
7. Cross out the letter "i" from the word "bibliography" in 2nd line under References of page 17 of the Specification.
8. Replace the word "and" with "to" in the 4th line of page 17 of the Specification.
9. Add the letter "e" to the word Methlazoxymthanol" in the 4th line of page 18 of the Specification. The word thus spells as "Methlazoxymethanol."
10. Add "30-600 ml" into the space located at the last row and the third column of the table "Prescription, Preparation & Use Of the Liquid Additive to Tobacco" (ACA-104-1) on page 20 of the Specification.
11. Add the content "167 ml" to the space between the word "peroxide" and the word "onto" in the first line located at the last row and the fourth column of the table "Prescription, Preparation & Use Of the Liquid Additive to Tobacco" (ACA-104-1) on page 20 of the Specification.
12. Put the sign "*" on the left side of the word "Nicotinic acid" and the word "Pyridoxine hydrochloride" in the column under Name of Components in the table "Prescription, Preparation & Use of the Health Pill Enclosed in Cigarette Pack."

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INSTITUTE FOR TOXICITY CONTROL OF CHEMICAL PRODUCTS (English Version)

May 11, 1992

TEST REPORT

Test Item: the comparison of contents of tar and nicotine in the simulated cigarette smoke.

Test Type: entrusted test

Submission Date: May 6, 1992

Test Date: May 11, 1992

Report Date: May 11, 1992

Submitted Samples: Mudan (Peony) Brand cigarette with and without AC102

Test Method: After dissolving the simulated cigarette smoke into organic solvent with and without addition of silicotungstic acid respectively, the optical densities were determined with UV 240 colorimeter under the condition $\lambda=380\text{nm}$ for the tar and nicotine solutions from the cigarette mist with and without AC102.

Result of Test:

The comparison between the contents of tar and nicotine in the cigarette smoke with and without AC102.

	without AC102	with AC102
Tar	1.970	0.768
Nicotine	1.908	0.359

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Evaluation of the Results:

The cigarette smoke treated with AC102 contained tar and nicotine content less than the untreated ones, by 61.02% and 81.18%, respectively.

Tester: Dong Jingwu

Dong Jingwu

Verifier:

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